Abstract

Name of Work : Improvements of re-asphalting Dasarahalli Main Road & other Roads , S Ramaiash, Ganesha Sawmill, Kempegowda Nagara & Maheshwari Nagara Roads Construction drain and Concrete Main roads &Cross roads of Vidyanagara Dasarahalli Ward No:15&39 (6-works) Package No. DZ 2017-18-(05)

Name of Agency :- M.S.Venkatesh

Est Cost : Rs.200.00 Lakhs

Job Code No: 015-18-000007, 015-18-000008, 015-18-000009, 015-18-000010

Work Order No: EE/DD/WO/305/18-19 Dated:02.02.2019

Item No	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
2	Removing B.S. slab of Drain and stacking.(page No 25., I.no.5.32 of KPWD S.R 2016-17)					3.2.2019
		3150.00	73.59	231808.50	Sqm	
3	Earthwork excavation by manulal means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / chapter 3 (P-141/19.1)					10.2.2019
		1587.15	97.32	154461.44	Cum	
20	Refixing B.S. slab of Drain and pointing in C.M (1:3) (Page No.25., I NO.5.33 of KPWD S.R 2016-17)					15.2.2019
		3150.00	90.20	284130.00	Cum	
21	Providing Precast slab of 100mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc., complete as per the direction of engineer in charge Data rate					18.2.2019
		702.00	2053.53	1441578.06	Sqm	

Contractor

Asst Engineer

Asst Executive Engineer

Item No	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
12	KSRB 500-2: Cleaning the existing Black Topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all material, labour, HOM of amchiineries complete as per specifications. Specification No. KRBS 500-2.4.2 MORTH Specification No.502-4.2 & 503-3.1.(Page No 161. I.No 21.2 of KPWD S.R 2016-17)					25.2.2019
		18807.00	3.56	66952.92	Sqm	
8	Providing, laying, spreading and compacting graded stones aggregate to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site,Laying in uniform layers with paver in subbase/base course on the well prepared surface and compacting with vibratory rollers to achive the desired density complete as per MORTH specification No. 406.etc with all lead and lifts and as per directions of the Engineer-in-charge(Item No: 20.18, Page No:157 of KPWD S.R2016-17)					28.2.2019
		483.05	1979.72	956303.75	Cum	
13	KSRRB 3000 Filling Pot-holes and Patch Repairs with Bituminous Concrete, 40 mm KSRRB M3000-5. Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, applying tack coat on the sides and base of excavation at 2.5kg/10sqm as per clause 500.3, back filling the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications MORTH Specification No. 3004.2					2.3.2019
		1995.20	338.26	674896.35	Sqm	
14	KSRRB M500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surfaces) including cost of all materials, labour,HOM of machineries complete as per specifications.MORTH/ Chapter 5 (Page No.160, Item No 21.7 of KPWD S.R 2016-17)					10.3.2019
		18807.00	13.06	245619.42	Sqm	

Contractor

Asst Engineer

Asst Executive Engineer

Item No	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
15	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed Coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, butexcluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll (50 mm to 75 mm) with 3.3 % VG-30 Bitumen					15.3.2019
		261.90	6210.95	1626647.81	Cum	
16	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll (30 mm to 45 mm) with6 % VG-30 BitumenMORTH Specification No. 509(Sl No. 21.22.6, Page 164)					23.3.2019
		750.84	15283.48	11475448.12	Cum	
17	Add Plastic to Bituminous Concrete 8% of Bitumen					
		509.15	30.23	15391.64	kg	

Contractor

Asst Engineer

Asst Executive Engineer

Item No	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
18	Road marking with Hot Applied Thermoplastic Compound with reflectorising glass beads on bituminous surface:- Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms per sqm area,thickness of 2.5mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page no- 181., It-24.15 of KPWD S.R 2016-17					27.3.2019
		1134.76	607.68	689570.96	Sqm	
6	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.					27.3.2019
		5955.00	432.03	2572738.65	Nos	
7	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8					30.3.2019
		938.00	71.21	66794.98	Sqm	
19	KSRRB M800-35. Providing and fixing of road stud 100x 100 mm, die- Nos cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per specifications					30.3.2019
		3045.00	402.35	1225155.75	Nos	
22	Lead charges for conveying the Exacavated earth including loading and unloading upto 10kms as per directions.					30.3.2019
		1587.15	118.69	188378.83	Cum	
		GRAND TOTAL		21915877		

Contractor

Asst Engineer

Asst Executive Engineer